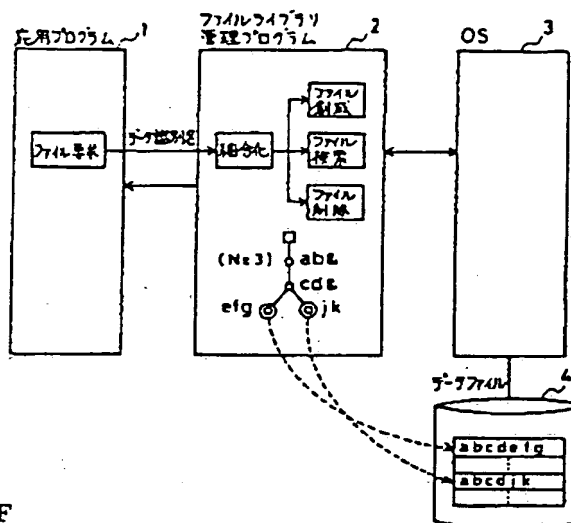Patent Abstracts of Japan

PUBLICATION NUMBER : JP2148341
PUBLICATION DATE : 07-06-90
APPLICATION NUMBER : JP880303668
APPLICATION DATE : 30-11-88

VOL: 14   NO: 392   (P - 1096)
AB. DATE : 23-08-1990   PAT: A 2148341
PATENTEE : FUJITSU LTD
PATENT DATE:07-06-1990

INVENTOR : YAMADA YOICHI

INT.CL. : G06F12/00; G06F15/40

TITLE : SYSTEM FOR MANAGING FILE OF
DATA WITH IDENTIFICATION
NAME UNRESTRICTED IN LENGTH

ABSTRACT : PURPOSE:To cope with an identification name unrestricted in
length with a file structure restricted in the length of file
names by constructing a tree structure in such a way that a data
identifying name is fractionated into partial names by a
character number less than a file name restricting character
number and paths are extended at every divided unit by inserting
a special character between each partial name.
CONSTITUTION:A file library management program 2 constructs a
tree structure by fractionating a data identifying name having a
character number (n) into partial names by a character number
less than a file name restricting character number N and
indicating the continuation of the partial names by inserting a
special character '&' between each partial name. Therefore, when
a new file is created, the fractionated partial names are
successively fetched and passed through paths ab& and cd& on an
already existing tree structure and a new path efg is extended
further from a discordant node. Thus an identification name
unrestricted in length can be coped with.